

SABIC® PP 64M40T

POLYPROPYLENE IMPACT COPOLYMER
REGION ASIA

DESCRIPTION

SABIC® PP 64M40T is a low fluidity polypropylene impact copolymer with high impact strength and medium stiffness. It contains antistatic agents.

TYPICAL APPLICATIONS

SABIC® PP 64M40T can be used for battery casing, crates and sheets & pipes.

TYPICAL PROPERTY VALUES

Revision 20230807

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
POLYMER PROPERTIES			
Melt Flow Rate (MFR)			
@230°C&2.16kg	2	g/10 min	ISO 1133
Density			
@23°C	905	kg/m³	ISO 1183
MECHANICAL PROPERTIES			
Tensile strength			
@Yield	25	MPa	ISO 527-2
Flexural Modulus			
(1% Secant)	1100	MPa	ISO 178
Charpy Impact Strength Notched			
@23°C	15	kJ/m²	ISO 179-1
@-20°C	5	kJ/m²	ISO 179-1
Rockwell Hardness			
R-Scale	90	-	ISO 2039-2
THERMAL PROPERTIES			
Heat deflection temperature			
@455kPa	70	°C	ISO 75-2

STORAGE AND HANDLING

Polypropylene resin should be stored in a manner to prevent a direct exposure to sunlight and/or heat. The storage area should also be dry and preferably do not exceed 50°C. SABIC would not give warranty to bad storage conditions which may lead to quality deterioration such as color change, bad smell and inadequate product performance. It is advisable to process PP resin within 6 months after delivery.

DISCLAIMER

Any sale by SABIC, its subsidiaries and affiliates (each a "seller"), is made exclusively under seller's standard conditions of sale (available upon request) unless agreed otherwise in writing and signed on behalf of the seller. While the information contained herein is given in good faith, SELLER MAKES NO WARRANTY, EXPRESS OR IMPLIED, INCLUDING MERCHANTABILITY AND NON-INFRINGEMENT OF INTELLECTUAL PROPERTY, NOR ASSUMES ANY LIABILITY, DIRECT OR INDIRECT, WITH RESPECT TO THE PERFORMANCE, SUITABILITY OR FITNESS FOR INTENDED USE OR PURPOSE OF THESE PRODUCTS IN ANY APPLICATION. Each customer must determine the suitability of seller materials for the customer's particular use through appropriate testing and analysis. No statement by seller concerning a possible use of any product, service or design is intended, or should be construed, to grant any license under any patent or other intellectual property right.

